

CLAIM AMENDMENT

1.-15. canceled.

16. (new) A pipe assembly comprising:

a pipe having an end and formed with an internal wear resistant coating resistant to chemical attack and of uniform thickness over a length of said pipe, but provided with an annular recess at said end forming a housing, a remainder of said internal coating around said recess continuing as an in-line prolongation of said internal coating to an end face of said pipe; and

a pipe fitting on said end and comprising a tubular first portion having an internal wear-resistant and chemical-attack-resistant coating received in and anchored in said housing and having an interior surface flush with an interior surface of the internal coating of the pipe adjacent said fitting, said fitting having a second portion external of said pipe and integral with said first portion for connection to another pipe fitting.

17. (new) The pipe assembly defined in claim 16 wherein said second portion is also provided with the internal wear-resistant and chemical-attack-resistant coating of said tubular first portion.

1 18. (new) The pipe assembly defined in claim 17 wherein
2 said tubular first portion is provided with elements protruding
3 outwardly therefrom and anchored in said remainder of said internal
4 coating of said pipe.

1 19. (new) The pipe assembly defined in claim 16,
2 further comprising a clamping member surrounding said pipe and
3 secured to said tubular first portion.

1 20. (new) The pipe assembly defined in claim 19 wherein
2 said clamping member is a tubular body.

1 21. (new) The pipe assembly defined in claim 20 wherein
2 said tubular member is formed with inwardly projecting elements
3 engaging in an outer surface of said pipe.

1 22. (new) The pipe assembly defined in claim 20 wherein
2 an adhesive layer is provided between said tubular body and an
3 outer surface of said pipe.

1 23. (new) The pipe assembly defined in claim 20 wherein
2 said tubular first portion has an annular groove beyond said end
3 face of said pipe and said clamping member has an annular edge
4 engaging in said groove.

1 24. (new) The pipe assembly defined in claim 16 wherein
2 said coatings are of the same material.

1 25. (new) The pipe assembly defined in claim 16,
2 further comprising a sealing element between said tubular first
3 portion and the internal wear-resistant coating of said pipe.

1 26. (new) A method of making a pipe assembly which
2 comprises the steps of:

3 a. forming a pipe having an end and provided with an
4 internal wear-resistant coating resistant to chemical attack and of
5 uniform thickness over a length of said pipe;

6 b. removing part of said internal coating to provide an
7 annular recess at said end forming a housing while leaving a
8 remainder of said internal coating around said recess continuing as
9 an in-line prolongation of said internal coating to the end face of
10 said pipe; and

11 c. inserting a tubular first portion of a pipe fitting
12 into said housing at said end and anchoring said tubular first
13 portion therein, said tubular first portion being provided with an
14 internal wear-resistant and chemical-attack-resistant coating so
15 that an interior surface thereof is flush with an interior surface
16 of the internal coating of the pipe adjacent said fitting, said
17 fitting having a second portion external of said pipe and integral
18 with said first portion for connection to another pipe fitting.

1 27. The method defined in claim 26, further comprising
2 the steps of fitting a clamping member over said pipe around said
3 tubular first portion.